

AMENDMENTS TO THE SPECIFICATION

In the Title

Please substitute the following amended title for the title as currently on record (deleted matter is shown by strikethrough and added matter is shown by underlining):

~~METHOD AND APPARATUS~~ ELECTROMAGNETIC SURVEYING FOR MAPPING ~~DETERMINING~~  
~~THE NATURE~~ CONTENT OF SUBTERRANEAN RESERVOIRS

In the Specification

Please substitute the following amended paragraph(s) and/or section(s) (deleted matter is shown by strikethrough and added matter is shown by underlining):

After page 2, line 6, add a new paragraph

A reservoir refers to a subsurface body of rock having sufficient porosity and permeability to store and transmit fluids. A reservoir is part of a complete petroleum system. Reservoirs are often represented by a series of maps for each of the layers in the reservoir. The series of maps may include maps of structure, gross thickness, net thickness, porosity, water saturation, and other required petrophysical characteristics. A map refers to a representation, on a plane surface and at an established scale, of the physical features of a part or whole of the Earths surface or of any desired surface or subsurface data, by means of signs or symbols. A common volume unit of measurement for oil produced from a reservoir in a field is barrels of oil per day. A volume of oil is equivalent to 42 United States gallons. A stock tank barrel is a measure of the volume of oil stored in a stock tank. A volume of gas may be measured as millions of standard cubic feet, with a predetermined standard condition being specified.